

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : KURITA WATER IND LTD

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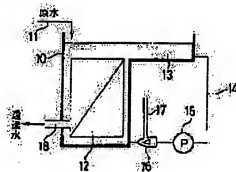
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(54) IMMERSION TYPE MEMBRANE SEPARATION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make a treating tank compact and a rising stream of the tank flowing inside being in contact with a membrane of a membrane module not effected by viscosity of raw water, and to obtain specific membrane filtering efficiency even through the viscosity of the raw water is varied.

SOLUTION: The immersion type membrane separation device is constituted of a treating tank 10 to be fed with the raw water, a membrane module 12 immersed into water of the treating tank 10, a circulation tube 14 having a circulation pump 15 and feeding back the tank inside liquid taken out from the upper part of the treating tank to the bottom of the treating tank and circulating, and an ejector 16 disposed on the circulation tube 14 at the position in the downstream of a discharge port of the circulation pump 15 and feeding air into the liquid fed back to the treating tank 10.



LEGAL STATUS

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